

A bone boring device, comprising:
 at least one needle adapted for boring into bone;
 a force providing element, remote from said needle, for advancing said needle; and
 a force amplifier, coupled to said needle and adjacent to said needle which amplifies
 force provided from said force providing element and supplies it to said needle.

- 2. A device according to claim 1, wherein said at least one needle comprises two needles.
- 3. A device according to claim 1, wherein said needle is mounted on a hinge and wherein said needle is rotated around said hinge by force provided by said force amplifier.
- 4. A device according to claim 1, wherein said force amplifier comprises a lever.
- 5. A method of attaching a suture to a bone, comprising:
 advancing two needles into said bone to meet inside said bone;
 advancing a thread along a common bore defined by said needles after said needles meet; and
 retracting said needles.
- 6. A method of attaching a suture to a bone comprising:
 advancing two needles into said bone to meet inside said bone;
 engaging, by one of said needles the other of said needles, which other needle has a
 thread attached to a portion thereof; and
 retracting said one needle, such that at least said portion is carried along by said one
- 7. A method according to claim 6, wherein said portion comprises a tip of said needle.
- 8. A method according to claim 6, wherein said portion comprises a detachable tip of said needle, which tip includes a thin extension substantially longer than said needle, wherein said thread is attached to a portion of said extension distal form said detachable tip.

needle with said attached thread.

- 9. A method according to claim 6, wherein said portion comprises an entire extent of said needle which enters said bone.
- 10. A bone-boring device, comprising:

 at least one curved needle adapted for extending to bore a hole in a bone;

 a base holding said needle and adapted for being placed against a bone;

 a handle coupled to the base; and

 a needle retractor, which retracts said needle when a force on said handle in a

 particular direction is lower than a predetermined amount, prior to said base retreating from said bone in response to a lowering of the force.
- at least one curved needle adapted for extending to bore a hole in a bone; a base holding said needle and adapted for being placed against a bone a handle coupled to the base; and a needle advancer, which advances said needle only when a force on said handle in a particular direction is higher than a predetermined amount, said predetermined force assuring that said base is urged against said bone.
- 12. A detachable tip for a needle comprising:

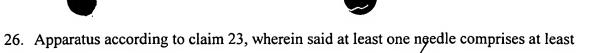
 a tip having a sharp end and adapted for insertion through a bone; and
 a flexible extension of said tip, opposite of said sharp end and substantially longer
 than said sharp tip, attached to a thread.
- 13. A tip according to claim 12, wherein said tip is adapted for being grasped by a hollow needle, at a side thereof of the extension.
- 14. A tip according to claim 12, wherein said sharp end is adapted for being grasped by a hollow needle, at a side opposite of the extension.
- 15. A self-aligning device for boring into bone, comprising: a boring head having at least two boring tips;



- a handle attached to said body;
- a hinge coupling said head to said body at a location substantially equidistant from said boring tips.
- 16. A device according to claim 15, wherein said boring tips comprise drill bits.
- 17. A device according to claim 15, wherein said boring tips comprise boring needles.
- 18. A device according to claim 15, wherein said head includes a power source for activating said boring tips.
- 19. A device according to claim 15, wherein said boring tips face said handle.
- 20. A method for forming a channel in a bone, comprising:
 drilling two holes in a cortex of the bone; and
 advancing at least one needle through said drilled holes through a medulla of said
 bone.
- 21. A method according to claim 20, wherein said holes are perpendicular to a surface of said bone.
- 22. A method according to claim 20, wherein said at least one needle comprises two needles that meet inside the bone.
- 23. Apparatus for forming a channel in a bone, comprising:

 at least one drill bit for drilling into a bone and detecting a channel formed therethrough and an aperture from the outside of said bit to said channel; and at least one needle adapted to fit through said aperture.
- 24. Apparatus according to claim 23, wherein said at least one drill bit comprises two drill bits.
- 25. Apparatus according to claim 24, wherein said drill bits are parallel.

two needles.



- 27. Apparatus according to claim 23, wherein said at least one needle comprises a curved needle.
- 28. Apparatus according to claim 23, wherein said aperture is on a side of said drill bit.